



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Jozef C. W. SPIJKERS et al.

Group Art Unit: 1711

Application No.: 09/786,906

Examiner: R. Sergent

Filed: June 20, 2001

Docket No.: 108741

For: WATER VAPOUR PERMEABLE THERMOPLASTIC POLYURETHANE FILM

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AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the October 16, 2002 Office Action, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 1-8 as follows:

- C1
1. (Twice Amended) Non-porous, waterproof film having a water vapor permeability of at least  $1000 \text{ g/m}^2 \text{ day}$  in accordance with ASTM E96-66 (Procedure B), with the proviso that the water temperature is kept at  $30^\circ\text{C}$ , while the ambient temperature is  $21^\circ\text{C}$  at 60% RH, comprising a thermoplastic polyurethane composed of a polyether glycol, a polyisocyanate, and a chain extender, at a ratio of NCO to active hydrogen atom of 0.9:1 to 1.2:1, wherein the polyurethane is a reaction product of a composition comprising
    - a) 40 to 52 wt.% of a total weight of the composition of polyethylene oxide glycol having an average molecular weight of 800 to 4000 and an atomic ratio of carbon to oxygen in the range of 2.0:1 to 4.3:1, with the proviso that at least